

CLAIMS

1. A broadcasting system comprising:
 - a transmitting apparatus for transmitting a digital broadcast by a stream of an MPEG system; and
 - a receiving apparatus for receiving the stream transmitted from said transmitting apparatus, wherein said transmitting apparatus allows copyright information of a still image to be included in a predetermined table in said stream and transmits the obtained stream and
 - said receiving apparatus refers to the copyright information of said still image in said predetermined table in said stream transmitted from said transmitting apparatus and executes a copyright protecting process of the still image on the basis of the copyright information of said still image in said predetermined table.
2. A broadcasting system comprising:
 - a transmitting apparatus for transmitting a digital broadcast by a stream of an MPEG system; and
 - a receiving apparatus for receiving the stream transmitted from said transmitting apparatus, wherein said transmitting apparatus allows copyright information of a still image to be included in a predetermined table in said stream and transmits the obtained stream and
 - said receiving apparatus refers to the copyright

information of said still image in said predetermined table in said stream transmitted from said transmitting apparatus and executes a copyright protecting process of the still image upon reservation on the basis of the copyright information of said still image in said predetermined table.

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3. A broadcasting system according to claim 1, wherein said predetermined table is a PMT (Program Map Table) specified in an MPEG.

10 4. A broadcasting system according to claim 2, wherein said predetermined table is an EIT (Event Information Table) and/or an SDT (Service Description Table) specified in an MPEG.

15 5. A broadcasting system according to claim 1 or 2, wherein copyright management information of said still image can be set independent of copyright management information of a motion image.

6. A broadcasting system according to claim 1 or 2, wherein said still image is a still image obtained by extracting a part of a motion image.

20 7. A broadcasting system according to claim 1 or 2, wherein said still image is a still image transmitted by a data broadcast.

25 8. A broadcasting system according to claim 1 or 2, wherein said transmitting apparatus allows information regarding resolution of a display screen to be included in the copyright information of said still image and said receiving apparatus refers to the information regarding the

resolution included in the copyright information of said still image and restricts the resolution.

9. A broadcasting system according to claim 1 or 2, wherein, in the still image transmitted by a data broadcast, it is enabled not to apply restriction of resolution only to a graphics signal of a character or the like in which there is no need to restrict the resolution.

10. A broadcasting system according to claim 1 or 2, wherein said transmitting apparatus allows information regarding recording restriction to be included in the copyright information of said still image and said receiving apparatus refers to the information regarding the recording restriction included in the copyright information of said still image and restricts the recording to a recording medium.

11. A broadcasting system according to claim 1 or 2, wherein said transmitting apparatus allows information regarding printing to be included in the copyright information of said still image and said receiving apparatus refers to the information regarding the printing included in the copyright information of said still image and restricts the printing to a printer.

12. A receiving apparatus comprising:
receiving means for receiving a signal of a digital broadcast transmitted by a stream of an MPEG system;
means for decoding information in a predetermined table from said received stream and obtaining copyright

information of a still image from said predetermined table;
and

means for referring to the copyright information
of said still image in said predetermined table in said stream
and executing a copyright protecting process of the still
image on the basis of the copyright information of said still
image in said predetermined table.

13. A receiving apparatus comprising:

receiving means for receiving a signal of a digital
broadcast transmitted by a stream of an MPEG system;
means for decoding information in a predetermined
table from said received stream and obtaining copyright
information of a still image from said predetermined table;
and

means for referring to the copyright information
of said still image in said predetermined table in said stream
and executing a copyright protecting process of the still
image upon reservation on the basis of the copyright
information of said still image in said predetermined table.

14. A receiving apparatus according to claim 12,
wherein when said still image copyright information in said
predetermined table cannot be referred to, motion image
copyright information in said predetermined table is
referred to and said still image copyright information is
set on the basis of said motion image copyright information.

15. A receiving apparatus according to claim 12,
wherein when said still image copyright information in said

predetermined table and motion image copyright information in said predetermined table cannot be referred to, said still image copyright information is set on the basis of predetermined copyright information of the still image.

5 16. A receiving apparatus according to claim 13, wherein when said still image copyright information in said predetermined table cannot be referred to, motion image copyright information in said predetermined table is referred to and said still image copyright information is set on the basis of said motion image copyright information.

10 17. A receiving apparatus according to claim 13, wherein when said still image copyright information in said predetermined table and motion image copyright information in said predetermined table cannot be referred to, said still image copyright information is set on the basis of predetermined copyright information of the still image.

15 18. A receiving apparatus according to claim 12 or 13, wherein information regarding resolution of a display screen is included in the copyright information of said still image, the information regarding the resolution included in the copyright information of said still image is referred to, and the resolution is restricted.

20 19. A receiving apparatus according to claim 12 or 13, wherein information regarding recording restriction is included in the copyright information of said still image, the information regarding the recording restriction included in the copyright information of said still image

is referred to, and the recording to a recording medium is restricted.

20. A receiving apparatus according to claim 12 or 13, wherein information regarding printing is included in the copyright information of said still image, the information regarding the printing included in the copyright information of said still image is referred to, and the printing to a printer is restricted.

5 21. A protecting method of broadcast data, comprising the steps of:

allowing copyright information of a still image to be included in a predetermined table in a stream of an MPEG system and transmitting the obtained stream;

10 receiving said transmitted stream of the MPEG system; and

referring to the copyright information of said still image in said predetermined table in said received stream and executing a copyright protecting process of the still image on the basis of the copyright information of said still image in said predetermined table.

15 22. A protecting method of broadcast data, comprising the steps of:

allowing copyright information of a still image to be included in a predetermined table in a stream of an MPEG system and transmitting the obtained stream;

25 receiving said transmitted stream of the MPEG system; and

referring to the copyright information of said still image in said predetermined table in said received stream and executing a copyright protecting process of the still image upon reservation on the basis of the copyright information of said still image in said predetermined table.

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23. A protecting method of the broadcast data according to claim 21 or 22, wherein copyright management information of said still image can be set independent of copyright management information of a motion image.

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24. A protecting method of the broadcast data according to claim 21 or 22, wherein said still image is a still image obtained by extracting a part of a motion image.

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25. A protecting method of the broadcast data according to claim 21 or 22, wherein said still image is a still image transmitted by a data broadcast.

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26. A protecting method of the broadcast data according to claim 21 or 22, wherein upon said transmission, information regarding resolution of a display screen is included in the copyright information of said still image and, upon said reception, the information regarding the resolution included in the copyright information of said still image is referred to and the resolution is restricted.

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27. A protecting method of the broadcast data according to claim 21 or 22, wherein in the still image transmitted by a data broadcast, it is enabled not to apply restriction of resolution only to a graphics signal of a character or the like in which there is no need to restrict

the resolution.

28. A protecting method of the broadcast data according to claim 21 or 22, wherein upon said transmission, information regarding recording restriction is included in the copyright information of said still image and, upon said reception, the information regarding the recording restriction included in the copyright information of said still image is referred to and the recording to a recording medium is restricted.

10 29. A protecting method of the broadcast data according to claim 21 or 22, wherein upon said transmission, information regarding printing is included in the copyright information of said still image and, upon said reception, the information regarding the printing included in the copyright information of said still image is referred to and the printing to a printer is restricted.

15 30. A receiving method comprising the steps of:
receiving a signal of a digital broadcast transmitted by a stream of an MPEG system;

20 decoding information in a predetermined table from said received stream and obtaining copyright information of a still image from said predetermined table; and

25 referring to the copyright information of said still image in said predetermined table in said stream and executing a copyright protecting process of the still image on the basis of the copyright information of said still image

in said predetermined table.

31. A receiving method comprising the steps of:
receiving a signal of a digital broadcast

transmitted by a stream of an MPEG system;

5 decoding information in a predetermined table
from said received stream and obtaining copyright
information of a still image from said predetermined table;
and

10 referring to the copyright information of said
still image in said predetermined table in said stream and
executing a copyright protecting process of the still image
upon reservation on the basis of the copyright information
of said still image in said predetermined table.